



PATENT

Attorney Docket No. 468268-19/A-65353-6/RFT/RMS/RMK

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

MAYO, *et al.*

Serial No. 09/812,034

Filed: March 19, 2001

For: *Apparatus and Method for
Automated Protein Design*

Group No. 1637

Examiner: Kim, Young J.

CERTIFICATE OF MAILING

I hereby certify that this correspondence and enclosures are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Box NonFee Amendment, Commissioner for Patents, Washington, D.C.

20231 on:

Date:

Signature

November 25, 2002
Mary McFarland
Mary McFarland

RESPONSE TO OFFICE ACTION

RECEIVED

Box Non Fee Amendment
Commissioner for Patents
Washington, DC 20231

DEC 04 2002

TECH CENTER 1600/2900

Sir:

This paper is being submitted in response to the Office Action mailed August 27, 2002. This response is filed on or before the due date of November 27, 2002, making this a timely response. The Commissioner is authorized to charge any additional fees, including any extension fees, which may be required, or credit any overpayment to Deposit Account No. 502319 (Our Order A65353-6/RFT/RMS/RMK).

In the Claims: ✓

Please cancel Claims 1-29, 51 and 52, without prejudice or disclaimer.

Please amend the following Claims as follows.

30. (Once Amended) A method executed by a computer under the control of a program, said computer including a memory for storing said program, said method comprising the steps of:

- (A) receiving a protein backbone structure with variable residue positions;
- (B) altering at least one supersecondary structure parameter value of said protein backbone structure;
- (C) establishing a group of potential amino acids for each of said variable residue positions; and